

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
36290/US/2 - 475387-00017

Serial No.
10/501,268

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant(s)
Johannes F. de Boer et al.

Filing Date
July 9, 2004

Confirmation No.
7475

U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	2004 0 1 0 0 6 8 1	May 2004	Bjarklev et al. ^Φ			
	2004 0 0 8 6 2 4 5	May 2004	Farroni et al. ^Φ			
	2002 0 1 7 2 4 8 5	November 2002	Keaton et al. ^Φ			
	2002 0 1 8 8 2 0 4	December 12, 2002	McNamara et al. ^{ΦΦ}			
	2002 0 0 7 6 1 5 2	June 20, 2002	Hughes et al. ^{ΦΦΦ}			
	6 7 9 0 1 7 5	September 14, 2004	Furusawa et al. ^{ΦΦΦΦ}			
	6 2 6 4 6 1 0	July 24, 2001	Zhu ^{ΦΦΦΦΦ}			
	6 0 1 4 2 1 4	January 11, 2000	Li ^{ΦΦΦΦΦΦ}			
	3 6 0 1 4 8 0	August 24, 1971	Donald Sexton Randall ^{ΦΦΦΦΦΦΦ}			
	5 4 1 1 0 1 6	May 2, 1995	Kume et al. ^{€€}			
	5 7 4 0 8 0 8	April 21, 1998	Panescu et al. ^{€€}			

FOREIGN PATENT DOCUMENT

Document No.	Date	Country	Class	SubClass	Translator Yes No
2005 0 0 0 0 1 1 5	January 6, 2005	WIPO ^{ΦΦ}			
9 8 0 1 0 7 4	January 15, 1998	WIPO ^{ΦΦ}			
2004 0 0 6 6 8 2 4	August 12, 2004	WIPO ^{ΦΦ}			
1 0 3 5 1 3 1 9	June 16, 2005	Germany ^{ΦΦΦΦ}			
9 8 3 8 9 0 7	September 11, 1998	WIPO ^{ΦΦΦΦ}			
1 2 5 7 7 7 8	December 22, 1971	Great Britain ^{ΦΦΦΦΦΦ}			
200 5 0 5 4 7 8 0	June 16, 2005	WIPO ^{ΦΦΦΦΦΦΦΦ}			

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
36290/US/2 – 475387-00017

Serial No.
10/501,268

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Applicant(s)
Johannes F. de Boer et al.

Filing Date
July 9, 2004

Confirmation No.
7475

200	6	1	3	0	7	9	7	December 7, 2006	WIPO ^{ⓈⓈⓈⓈⓈⓈⓈⓈ}				
200	6	0	1	4	3	9	2	February 9, 2006	WIPO ^{ⓈⓈⓈⓈⓈⓈⓈⓈ}				
	9	8	4	6	1	2	3	October 22, 1998	WIPO €€				
	0	5	9	0	2	6	8	April 6, 1994	European €€				

[Ⓢ] References cited in Office Action dated February 2, 2007 for U.S. Patent Application No. 11/174,425

^{ⓈⓈ} References cited in International Search Report PCT/US2006/031905

^{ⓈⓈⓈ} References cited in Office Action dated March 28, 2007 for U.S. Patent Application No. 11/241,907

^{ⓈⓈⓈⓈ} References cited in International Search Report PCT/US2007/060481

^{ⓈⓈⓈⓈⓈ} References cited in Office Action dated May 23, 2007 for U.S. Patent Application No. 10/406,751

^{ⓈⓈⓈⓈⓈⓈ} References cited in Office Action dated May 23, 2007 for U.S. Patent Application No. 10/551,735

^{ⓈⓈⓈⓈⓈⓈⓈ} References cited in International Search Report PCT/US2007/060717

^{ⓈⓈⓈⓈⓈⓈⓈⓈ} References cited in International Search Report PCT/US2007/060319

€€ References cited in European Patent Office Search Report for Application No. 01991092.6-2305

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

		PCT International Search Report and Written Opinion for Application No. PCT/US2006/031905 dated May 3, 2007
		PCT International Search Report and Written Opinion for Application No. PCT/US2007/060481 dated May 23, 2007
		PCT International Search Report and Written Opinion for Application No. PCT/US2007/060717 dated May 24, 2007
		PCT International Search Report and Written Opinion for Application No. PCT/US2007/060319 dated June 6, 2007
		D. Yelin et al., "Three-dimensional imaging using spectral encoding heterodyne interferometry", Optics Letters, July 15, 2005, Vol. 30, No. 14, Pages 1794-1796 ^{ⓈⓈⓈⓈⓈⓈⓈ}
		Copy of Office Action dated February 2, 2007 for U.S. Patent Application No. 11/174,425
		Copy of Office Action dated March 28, 2007 for U.S. Patent Application No. 11/241,907
		Copy of Office Action dated May 23, 2007 for U.S. Patent Application No. 10/406,751

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
36290/US/2 - 475387-00017

Serial No.
10/501,268

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Applicant(s)
Johannes F. de Boer et al.

Filing Date
July 9, 2004

Confirmation No.
7475

Copy of Office Action dated May 23, 2007 for U.S. Patent Application No. 10/551,735

European Patent Office Search report for Application No. 01991092.6-2305 dated January 12, 2006

4825-2760-3713\1

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
036290/US/2 - 475387-
00017

Serial No.
10/501,268

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant(s)
Guillermo J. Tearney et al.

Filing Date
July 9, 2004

Confirmation No.
7475

U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	6 5 0 1 8 7 8	December 31, 2002	Hughes et al.			
	6 2 7 4 8 7 1	August 21, 2001	Dukor et al. φφφφφφφφφφ			
	5 8 6 2 2 7 3	January 19, 1999	Pelletier φφφφφφφφφφ			
	4 4 7 9 4 9 9	October 30, 1984	Alfano φφφφφφφφφφ			
	4 0 3 0 8 2 7	June 21, 1977	Delhay et al. φφφφφφφφφφ			
2004	0 1 0 0 6 3 1	May 27, 2004	Bashkansky et al. φφφ			

FOREIGN PATENT DOCUMENT

Document No.	Date	Country	Class	SubClass	Translator Yes No
200 4 0 8 8 3 6 1	October 14, 2004	WIPO φφφ			

φφφφφφφφφφ References cited in Office Action dated August 10, 2007 for U.S. Patent Application No. 10/997,789

φφφφφφφφφφ References cited in International Search Report PCT/US2007/060657

φφφφφφφφφφ References cited in International Search Report PCT/US2007/061815

φφφφφφφφφφ References cited in International Search Report PCT/US2007/062465

€ References cited in International Search Report PCT/US2007/066017

φφφ References cited in International Search Report PCT/US2007/060670

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

Hariri, Lida P. et al. "Endoscopic Optical Coherence Tomography and Laser-Induced Fluorescence Spectroscopy in a Murine Colon Cancer Model", Laser in Surgery and Medicine, Vol. 38, 2006, pages 305-313
--

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Atty. Docket No.
036290/US/2 – 475387-
00017

Serial No.
10/501,268

Applicant(s)
Guillermo J. Tearney et al.

Filing Date
July 9, 2004

Confirmation No.
7475

Akiba, Masahiro et al. "En-face optical coherence imaging for three-dimensional microscopy", SPIE, 2002, pages 8-15

Copy of Office Action dated August 10, 2007 for U.S. Patent Application No. 10/997,789

PCT International Search Report and Written Opinion for Application No. PCT/US2007/060657 dated August 13, 2007

Lewis, Neil E. et al., "Applications of Fourier Transform Infrared Imaging Microscopy in Neurotoxicity", Annals New York Academy of Sciences, pages 234-246

Joo, Chulmin et al., Spectral-domain optical coherence phase microscopy for quantitative phase-contrast imaging", Optics Letters, August 15, 2005, Vol. 30, No. 16, pages 2131-2133

Guo, Bujin et al., "Laser-based mid-infrared reflectance imaging of biological tissues", Optics Express, January 12, 2004, Vol. 12, No. 1, pages 208-219

PCT International Search Report and Written Opinion for Application No. PCT/US2007/061815 dated August 2, 2007

Sir Randall, John et al., "Brillouin scattering in systems of biological significance", Phil. Trans. R. Soc. Lond. A 293, 1979, pages 341-348

Takagi, Yasunari, "Application of a microscope to Brillouin scattering spectroscopy", Review of Scientific Instruments, No. 12, December 1992, pages 5552-5555

Lees, S. et al., "Studies of Compact Hard Tissues and Collagen by Means of Brillouin Light Scattering", Connective Tissue Research, 1990, Vol. 24, pages 187-205

Berovic, N. "Observation of Brillouin scattering from single muscle fibers", European Biophysics Journal, 1989, Vol. 17, pages 69-74

PCT International Search Report and Written Opinion for Application No. PCT/US2007/062465 dated August 8, 2007

Pyhtila John W. et al., "Rapid, depth-resolved light scattering measurements using Fourier domain, angle-resolved low coherence interferometry", Optics Society of America, 2004

Pyhtila John W. et al., "Determining nuclear morphology using an improved angle-resolved low coherence interferometry system", Optics Express, December 15, 2003, Vol. 11, No. 25, pages 3473-3484

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Atty. Docket No.
036290/US/2 – 475387-
00017

Serial No.
10/501,268

Applicant(s)
Guillermo J. Tearney et al.

Filing Date
July 9, 2004

Confirmation No.
7475

Desjardins A.E., et al., "Speckle reduction in OCT using massively-parallel detection and frequency-domain ranging", Optics Express, May 15, 2006, Vol. 14, No. 11, pages 4736-4745
○○○○○○○○○○○○○○

Nadkarni, Seemantini K., et al., "Measurement of fibrous cap thickness in atherosclerotic plaques by spatiotemporal analysis of laser speckle images", Journal of Biomedical Optics, Vol. 11 Marsh/April 2006, pages 021006-1 -8

PCT International Search Report and Written Opinion for Application No. PCT/US2007/066017 dated August 30, 2007

Yamanari M. et al., "Polarization sensitive Fourier domain optical coherence tomography with continuous polarization modulation", Proc. of SPIE, Vol. 6079, 2006 €

Zhang Jun et al., "Full range polarization-sensitive Fourier domain optical coherence tomography", Optics Express, November 29, 2004, Vol. 12, No. 24, pages 6033-6039 €

PCT International Search Report and Written Opinion for Application No. PCT/US2007/060670 dated September 21, 2007

J. M. Schmitt et al., "Speckle in Optical Coherence Tomography: An Overview", SPIE Vol. 3726, pages 450-461 €€€

4843-0585-7537\1

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.